

**2016 DOE Natural Phenomena Hazards (NPH) technical meeting**

**October 18-19, 2016**

**Periodic Review and Update of NPH Assessments**

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Department of Energy (DOE) Order 420.1C, *Facility Safety*, requires facility or site natural phenomena hazards (NPH) be reviewed at least every ten years for any significant changes in data, criteria, and methods that would warrant updating the assessments. During 2013-2014, DOE Office of Nuclear Safety (AU-30) conducted a study of how these periodic NPH assessment reviews were being performed. The Report '*Implementation of Periodic Natural Phenomena Hazards (NPH) Assessment Reviews at DOE Sites*' was issued in April 2015. This presentation will characterize issues and concerns, lessons learned and good practices related to the ten-year review requirement and discuss the recommended actions and guidance that was documented in the study report. To support DOE staff in conducting future periodic NPH assessments reviews, AU-30 will use the session to identify assistance and training needs to facilitate effective implementation of DOE's ten-year NPH assessment review requirement.